REMARKS

Favorable reconsideration of this application in light of the following discussion is respectfully requested.

Claims 1-43 and 45-64 are presently active in this case; Claims 1, 22, 23, 50, 54 and 59 having been amended; Claim 44 canceled by way of the present amendment.

In the outstanding Office Action, the specification and drawings were objected to for minor informalities; Claims 1-2, 7-8, 11-12, 15-17, 20-24, 29-30, 33-34, 37-39, 42-45, 50-51, 54-55, 58-60, and 63-64 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 4,994,987 to Baldwin; and Claims 3-6, 9-10, 13-14, 18-19, 25-28, 31-32, 35-36, 40-41, 46-49, 52-53, 56-57, and 61-62 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Baldwin.

First, Applicants wish to thank Examiner Cruz and Supervisory Patent Examiner (SPE) Adams for the January 14, 2003, interview at which time the outstanding issues in this case were discussed. During the discussion, Applicants presented amendments and arguments substantially as indicated in this Response. While no agreement was reached, the Examiners indicated that they would give full consideration to the amendments and arguments when submitted in a formal response.

Turning now to the merits, Applicants' invention is directed to a projection display apparatus for displaying images in an enlarged projection on a screen used for presentations. Prior art devices of this type required a personal computer or some other computing device to be connected to the projection display apparatus in order to supply presentation sheets to the projection display apparatus and provide an input mechanism for changing these presentation sheets during a user's presentation. This prior art system is problematic, however, in that the bulky and expensive personal computer equipment needs to be connected to the projection

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display apparatus in order for the user to conduct a presentation. Applicants' invention overcomes this problem.

Specifically, Applicants Claim 1 recites a projection display apparatus that carries out processing with information stored in a portable memory. The projection display apparatus includes a memory controller configured to read out the information stored in the portable memory, which includes image data representing a plurality of presentation sheets prepared in advance by a user of the projection display apparatus, and an image processing section configured to prepare display image data by using the image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus to display the plurality of presentation sheets. Also recited is an electro-optic device configured to form image light in response to the display image data, and an optical system configured to project the image light to display the image. Thus, as discussed in the January 14, 2003, interview, Claim 1 has been amended to recite that the processing steps in the portable memory cause the display apparatus to display a plurality of presentation sheets stored in the portable memory.

In contrast, Baldwin discloses an image access, retrieval, and display system for randomly accessing stored images. The disclosed device utilizes an image document to direct a computer to select an image stored in a computer memory or other storage device for display on a display screen. As seen in Figure 1A and 1B of Baldwin, the image access document is a substrate (paper or plastic) that includes human readable and machine readable content such as a bar code or magnetic strip. When a user is giving a presentation, the user places the substrate in a reader that reads the machine readable content of the substrate which

provides information on locating an image in mass storage or disk drive 34. The retrieved image is then displayed on the display 36.

As discussed in the January 14th interview, it is Applicants' position that the disk drive 34 of Baldwin does not teach a portable memory that includes image data representing a plurality of presentation sheets prepared in advance by a user of the projection display apparatus. However, even if such teaching can be gleaned from Baldwin as asserted in the interview, Baldwin does not disclose an image processing section configured to prepare display image data by using the image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus to display the plurality of presentation sheets as now claimed in Claim 1.

As noted above, Baldwin discloses a system where the user places a coded document into a machine and the machine reads the code and retrieves a single image associated with the coded document. Thus, any portable memory that may be used in the disk drive 34 of Baldwin would not have an instruction of a processing program that represents a series of processing steps executed to display a plurality of presentation sheets. That is, Baldwin does not disclose using a processing program to control display presentation sheets because the user controls this by inserting coded documents. To the extent that Figures 4 and 5 of Baldwin disclose a processing program, these figures teach only show processing steps necessary for displaying a single processing sheet and not a plurality of sheets as recited in dependent Claim 1.

Thus Applicants' Claim 1 patentably defines over the cited reference. Moreover, as Applicants' method Claim 22 and means plus function Claim 23 have been amended to recite similar limitations as Claim 1, these claims patentably define over the cited references for the

reasons detailed above with respect to Claim 1. Finally, as Claims 2-21, 24-43, and 45-63

depend from Claims 1, 22, and 23 respectively, these claims also patentably define over the

cited references.

Consequently, in view of the present amendment, no further issues are believed to be

outstanding in the present application, and the present application is believed to be in

condition for formal Allowance. An early and favorable action is therefore respectfully

requested.

Respectfully submitted,

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IN THE CLAIMS

Please cancel Claim 44 without prejudice or disclaimer.

Please amend Claims 1, 22, 23, 50, 54 and 59 as shown in the attachment. Claims 1-64 in clean form are shown below:

1. (Amended) A projection display apparatus that carries out processing with information stored in a portable memory, comprising:

a memory controller configured to read out the information stored in the portable memory, the information including [at least one] image data representing a plurality of presentation [sheet] sheets prepared in advance by a user of the projection display apparatus;

an image processing section configured to prepare display image data by using the image data stored in the portable memory according to an instruction of a processing program which is read from the portable memory and which represents a series of processing steps to be executed by the projection display apparatus to display the plurality of presentation sheets;

an electro-optic device configured to form image light in response to the display image data; and

an optical system configured to project the image light to display the image.

22. (Amended) A method of displaying an image with a projection display apparatus that includes an electro-optic device and carries out processing with information stored in a portable memory, the method comprising the steps of:

reading out the information stored in the portable memory, the information including [at least one] image data representing a plurality of presentation [sheet] sheets prepared in advance by a user of the projection display apparatus;

preparing display image data by using the image data stored in the portable memory according to an instruction of a processing program that is read from the portable memory and represents a series of processing steps to be executed by the projection display apparatus to display the plurality of presentation sheets;

causing the electro-optic device to form image light in response to the display image data; and

projecting the image light to display the image.

23. (Amended) A projection display apparatus comprising:

means for reading from a portable memory a plurality of presentation [sheet] sheets prepared in advance by a user of the display apparatus;

means for preparing a display image data from information read by said means for reading, said display image data representing the plurality of presentation [sheet] sheets, said display image data being prepared according to an instruction of processing program read from the portable memory;

means for forming image light in response to said display image data; and

means for projecting said image light on a projection screen to thereby display the presentation sheet.

50. (Amended) The apparatus of claim [44] 23, further comprising means for selecting at least one of image data supplied externally and image data read from the portable memory according to an instruction of selection included in the processing program; and

means for preparing the display image data using the selected image data.

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54. (Amended) The apparatus of claim [44] 23, further comprising:

means for storing embellishment image data; and

means for combining at least one of the image data read from the portable memory and the image data supplied externally with the embellishment image data according to an instruction of composition included in the processing program, so as to prepare the display image data.

59. (Amended) The apparatus of claim [44] 23, further comprising means for editing the processing program, and

means for writing the processing program edited by the processing program editor into the portable memory.